

CLAIMS

Sub A1 1 1 A multimedia unit for use in vehicle multimedia system that includes a plurality of
2 multimedia units connected to a ring-shaped bus, said multimedia unit comprising a plurality a
3 transceiver units configured to communicate over the ring-shaped bus, wherein said multimedia
4 unit includes a network controller that controls the communication of said plurality of transceiver
5 units over the ring-shaped bus.

1 2. The multimedia unit of claim 1, wherein said plurality of transceivers are configured and
2 arranged to communicate over a ring-shaped MOST bus.

1 3. The multimedia unit of claim 2, wherein the multimedia unit is configured as a radio
2 receiver.

1 4. The multimedia unit of claim 2, wherein the multimedia unit is configured as a television
2 set.

1 5. The multimedia unit of claim 2, wherein the multimedia unit is configured as a CD player.

1 6. The multimedia unit of claim 2, wherein the multimedia unit is configured as a DVD
2 player.

1 7. The multimedia unit of claim 2, wherein the multimedia unit is configured as a disk
2 changer.

1 8. The multimedia unit of claim 2, wherein the multimedia unit is configured as a cassette
2 recorder.

1 9. The multimedia unit of claim 2, wherein the multimedia unit is configured as a navigation
2 system.

1 10. The multimedia unit of claim 2, wherein the multimedia unit is configured as a multimedia
2 network operating and control unit.

1.1 11. A motor vehicle multimedia system, comprising:

1.2 a ring-shaped data bus; and

1.3 a plurality of multimedia units connected to said ring-shaped bus, at least one of said
1.4 multimedia units comprises a plurality of transceiver units and a network controller, wherein said
1.5 multimedia units are configured and arranged to communicate over said ring-shaped bus and said
1.6 network controller controls the communication of its associated said plurality of transceiver units
1.7 over said ring-shaped bus.

1 12. The motor vehicle multimedia system of claim 11, wherein said ring-shaped data bus is
2 configured and arranged as a MOST bus.